AIRCARD® 850

WIRELESS WIDE-AREA PC CARD FOR HSDPA CAPABLE UMTS NETWORKS

3G HIGH SPEED WIRELESS DATA

The AirCard® 850 is a wireless wide-area PC Card for HSDPA (High Speed Downlink Packet Access) capable UMTS networks. With fast data rates up to 1.8Mbps* downlink and 384kbps uplink, AirCard 850 customers will have access to data rates similar to DSL or cable modems.

SECURE INTERNET ACCESS WHEREVER THERE IS MOBILE NETWORK COVERAGE

The AirCard 850 provides secure access to the Internet, email, corporate networks/VPN, and streaming video wherever mobile operators provide network coverage. Applications once limited to wired connections or WiFi hotspots are now possible anywhere you want to work or play!

GLOBAL ACCESS ON THE MOVE

The AirCard 850 PC Card features HSDPA and UMTS on the 2100 MHz band for European and Asian customers while offering global quad-band (850, 900, 1800 & 1900 MHz) support for EDGE/GPRS/GSM**. Travel around the world with your AirCard 850 and still have access to information anytime or anywhere.

SIMPLE INSTALLATION AND USE

The AirCard 850 PC Card seamlessly integrates into Windows notebooks. Watcher™ software helps you easily install, configure and manage your AirCard. With low power consumption resulting in extended battery life, customers enjoy superior product performance while on the road.

RUGGED AND RELIABLE

With a slim unextended Type II PC Card design and a flexible, removable swivel antenna, the AirCard 850 PC Card stands up to the demands of constant handling and use. Choose to keep your AirCard inside your laptop or remove for storage.

SIERRA WIRELESS AIRCARD 850 INNOVATION

The AirCard 850 is the latest addition to the Sierra Wireless AirCard wireless network card family, carrying on the tradition of superior product performance and industry leadership.

Sierra Wireless is your best choice for wireless data.

Go Wireless. Get connected with the Sierra Wireless AirCard 850 wireless network card.

*Subject to network conditions

**Subject to network deployment and roaming agreements

- WORLDWIDE USE ON UMTS AND HSDPA CAPABLE UMTS NETWORKS
- CAPABLE OF WIRELESS DATA SPEEDS UP TO 1.8 MBPS
- BACKWARDS COMPATIBLE WITH GLOBAL EDGE AND GSM/GPRS NETWORKS
- SUPERIOR RADIO FOR FRINGE COVERAGE USE
- SUPPORTED BY SIERRA WIRELESS DEVELOPER TOOLS FOR THIRD PARTY USER INTERFACE AND APPLICATIONS

SIERRA WIRELESS

HEART OF THE WIRELESS MACHINE®

3G High Speed Wireless Data

Secure Internet Access

Global Access On The Move

3G

SIERRA WIRELESS

HEART OF THE WIRELESS MACHINE®

AirCard® 850

TECHNICAL SPECIFICATIONS

AIRCARD 850:

UMTS with HSDPA support (category 11/12)
1.8Mbps downlink / 384kbps uplink
EDGE/ GPRS MS Class 10
216 kbps downlink/ 108 kbps uplink
External, Removable Antenna
Fully hinged and flexible for superior durability
Field firmware upgradeable

NETWORKS:

2100MHz UMTS (in AC850 version)
Power class 3 (+24dBm)
850MHz and 1900MHZ UMTS (in AC860 Version)
Power class 3 (+24dBm)
850MHz GSM
900MHz GSM
1800MHz GSM
1900MHz GSM
EDGE E2 power
PCS/DCS power class 1
GSM power class

ADDITIONAL FEATURES:

Simultanious Voice and Data*
3G Video Support
SMS
Circuit Switched Data
Dial Up Networking
Watcher™ Software
SIM and USIM compatible

APPROVALS:

CE
GCF-CC
Compliant with 3GPP Release 5/ Release 99

ENVIRONMENTAL:

Operating Temperature: -20 to +60º C
Storage Temperature: -30 to +85º C
Vibration (non-operating): 15g peak, 10 Hz to 2 kHz
Humidity: 95% (non-condensing)

ADDITIONAL CONNECTIVITY SUPPORT:

NIC driver (NDIS)
Type II PCMCIA card slot
WHQL
Seamless WiFi switching (Windows® 2000 and Windows XP)

AIRCARD 850 WATCHER™ SOFTWARE:

Windows XP, 2000, 98SE, ME, NT

*Subject to network operator support.

FOR MORE INFORMATION

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SIERRA WIRELESS, THE LEADER IN WIRELESS WIDE AREA MOBILE COMPUTING

Sierra Wireless is a recognized industry leader in developing wireless data products and enabling software for portable and industrial applications. Sierra Wireless's products include:

- AirCard line of PC Cards
- Line of PCI Express Mini Cards for both CDMA and GSM technology tracks
- MP rugged wireless modem line for EDGE/GSM/GPRS and CDMA 1X networks
- Embedded module series for CDMA 1X and CDMA 1xEV-DO networks
- Software Development Kits (SDKs)

Now Sierra Wireless enhances your wireless access choices with high-performance broadband wireless products to meet your worldwide needs.

SIERRA WIRELESS

HEART OF THE WIRELESS MACHINE®

SIERRA WIRELESS AIRCARD® 850

WIRELESS NETWORK CARD FOR HSDPA CAPABLE UMTS NETWORKS